

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081222\
 Data File : BG054624.D
 Acq On : 12 Aug 2022 16:07
 Operator : CG/JU
 Sample : N4046-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEACONPOINT-BACKFILL-04

Quant Time: Aug 13 00:38:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 13 00:32:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

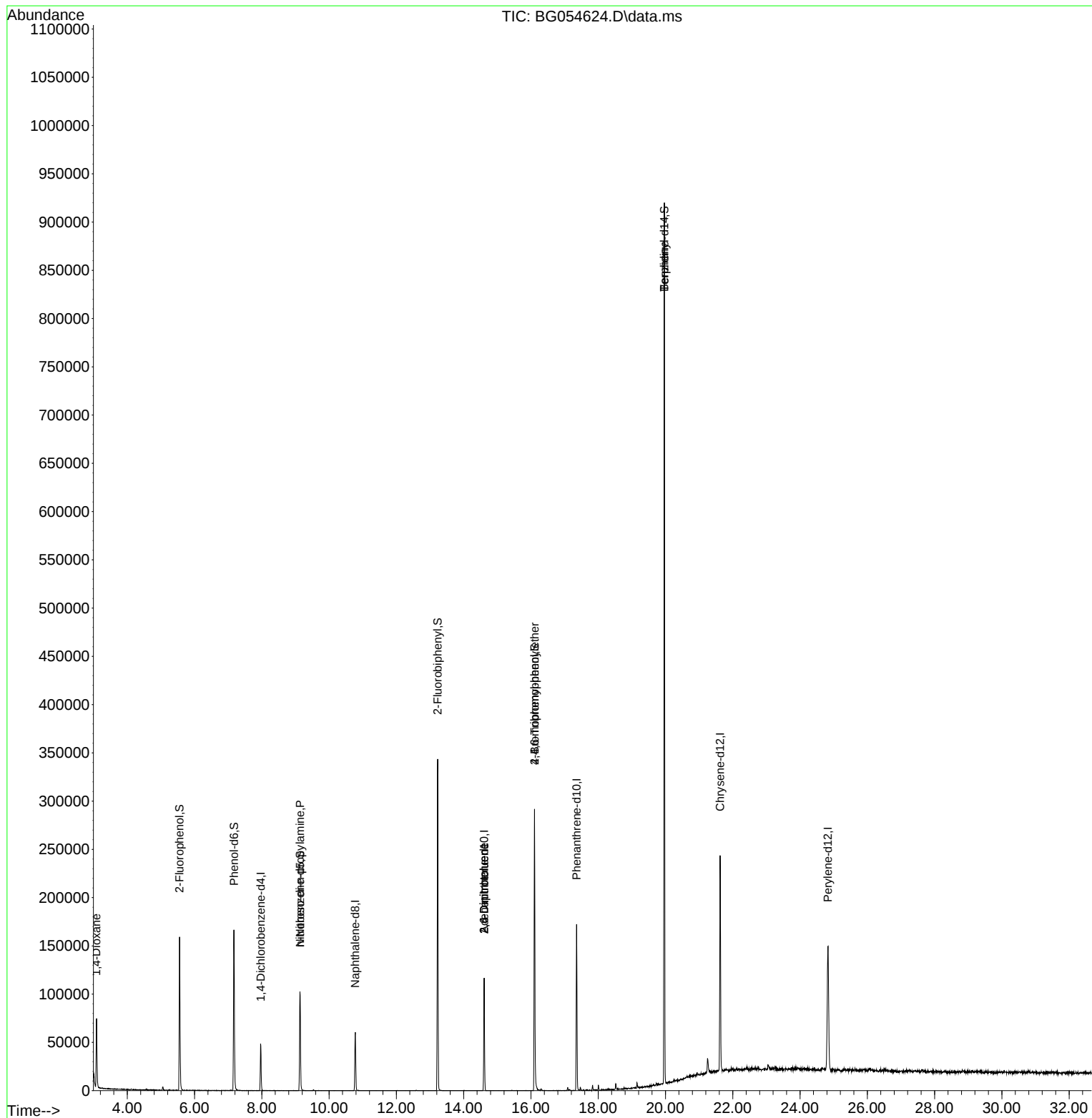
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	15831	20.000	ng	0.00
21) Naphthalene-d8	10.779	136	58379	20.000	ng	# 0.00
39) Acenaphthene-d10	14.610	164	46089	20.000	ng	0.00
64) Phenanthrene-d10	17.359	188	130709	20.000	ng	# 0.00
76) Chrysene-d12	21.625	240	154417	20.000	ng	# 0.00
86) Perylene-d12	24.827	264	161761	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.555	112	73461	96.885	ng	0.00
7) Phenol-d6	7.171	99	99862	96.117	ng	0.00
23) Nitrobenzene-d5	9.134	82	66300	61.846	ng	0.00
42) 2,4,6-Tribromophenol	16.108	330	82445	85.197	ng	0.00
45) 2-Fluorobiphenyl	13.229	172	203005	62.136	ng	0.00
79) Terphenyl-d14	19.968	244	526600	67.653	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.082	88	853	2.828	ng	# 1
19) n-Nitroso-di-n-propyla...	9.134	70	9233	13.308	ng	# 83
51) 2,6-Dinitrotoluene	14.610	165	6420	8.130	ng	# 16
57) 2,4-Dinitrotoluene	14.610	165	6420	5.671	ng	# 21
67) 4-Bromophenyl-phenylether	16.108	248	4952	2.698	ng	# 1
77) Benzidine	19.968	184	6711	2.400	ng	# 94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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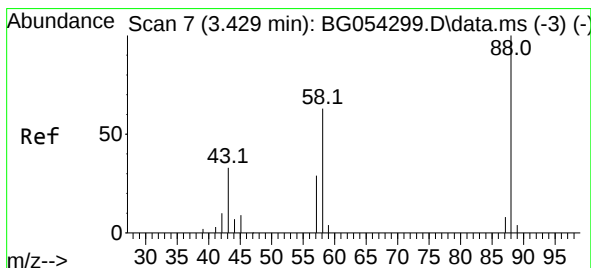
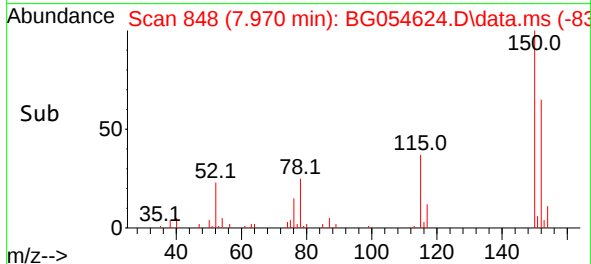
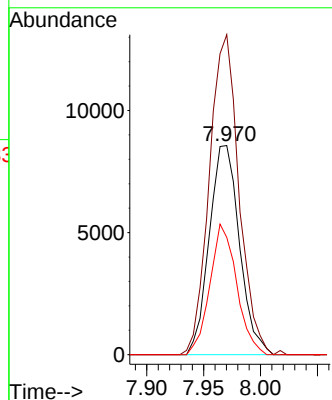
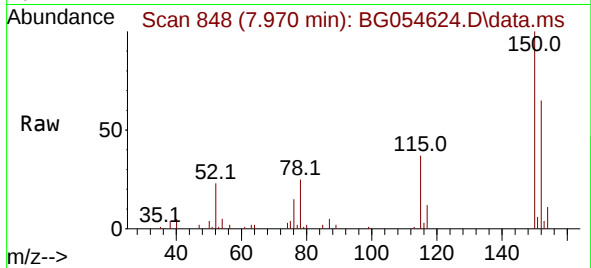




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.970 min Scan# 84
 Delta R.T. 0.002 min
 Lab File: BG054624.D
 Acq: 12 Aug 2022 16:07

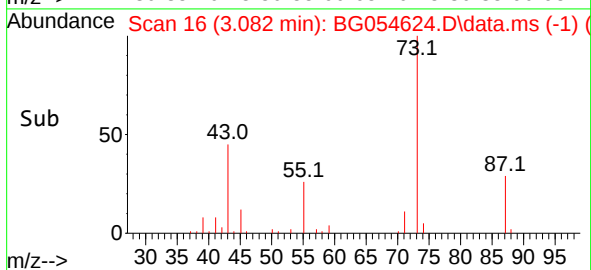
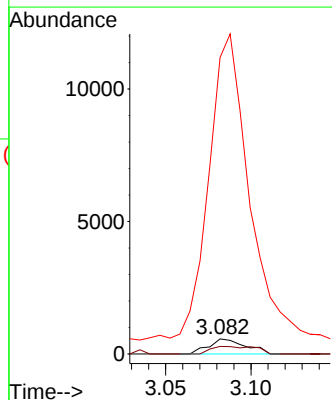
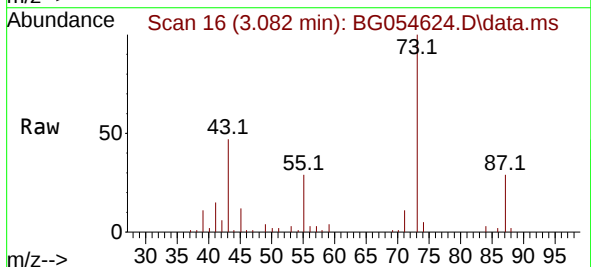
Instrument :
 BNA_G
 ClientSampleId :
 BEACONPOINT-BACKFILL-04

Tgt Ion:152 Resp: 15831
 Ion Ratio Lower Upper
 152 100
 150 153.0 131.6 197.4
 115 56.1 50.9 76.3



#2
 1,4-Dioxane
 Concen: 2.828 ng
 RT: 3.082 min Scan# 16
 Delta R.T. -0.309 min
 Lab File: BG054624.D
 Acq: 12 Aug 2022 16:07

Tgt Ion: 88 Resp: 853
 Ion Ratio Lower Upper
 88 100
 58 61.4 59.2 88.8
 43 2365.3 24.3 36.5#

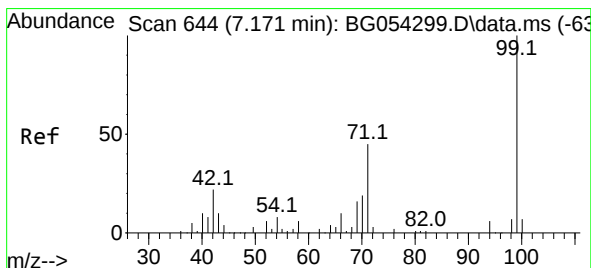
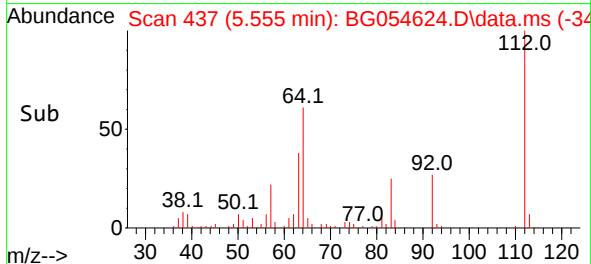
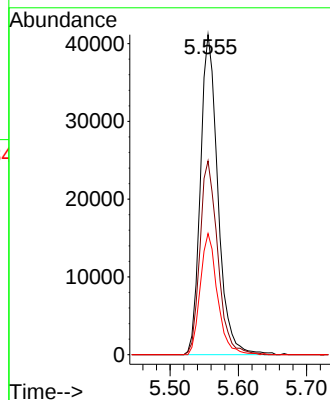
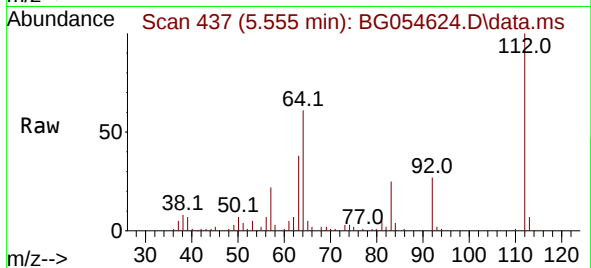




#5
2-Fluorophenol
Concen: 96.885 ng
RT: 5.555 min Scan# 41
Delta R.T. 0.002 min
Lab File: BG054624.D
Acq: 12 Aug 2022 16:07

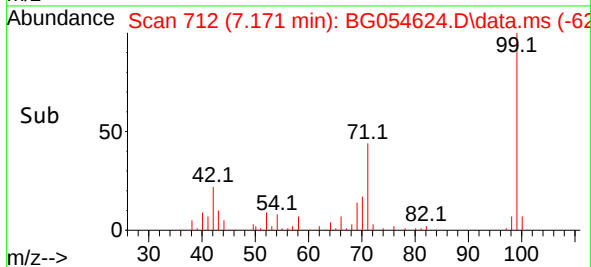
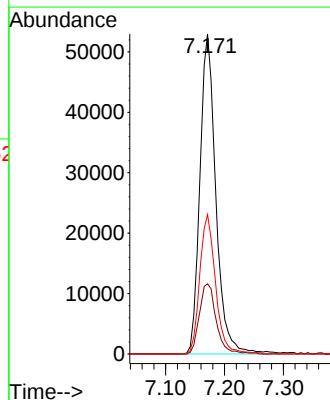
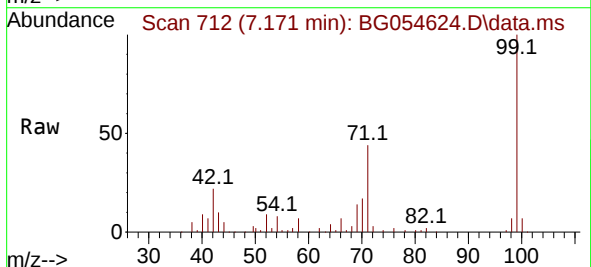
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-04

Tgt Ion:112 Resp: 73461
Ion Ratio Lower Upper
112 100
64 60.6 55.1 82.7
63 37.8 30.4 45.6



#7
Phenol-d6
Concen: 96.117 ng
RT: 7.171 min Scan# 712
Delta R.T. 0.002 min
Lab File: BG054624.D
Acq: 12 Aug 2022 16:07

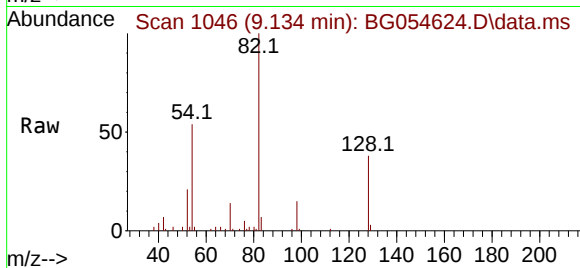
Tgt Ion: 99 Resp: 99862
Ion Ratio Lower Upper
99 100
42 21.9 17.0 25.6
71 43.6 33.8 50.8



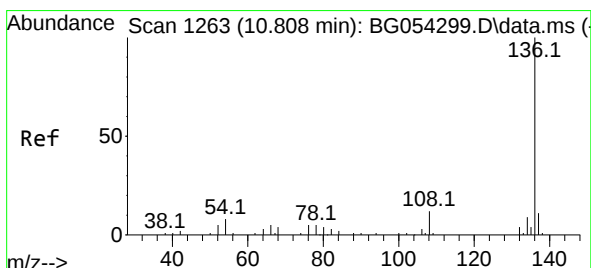
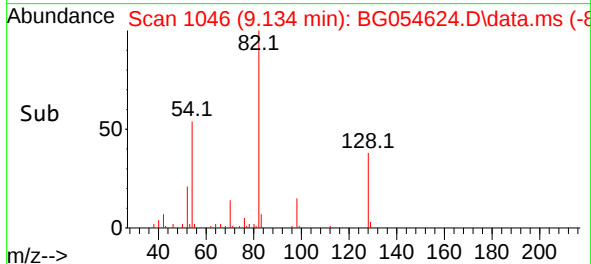
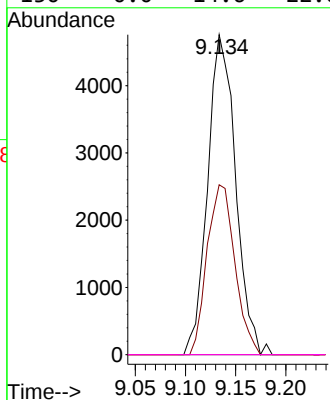


#19
n-Nitroso-di-n-propylamine
Concen: 13.308 ng
RT: 9.134 min Scan# 1046
Delta R.T. 0.355 min
Lab File: BG054624.D
Acq: 12 Aug 2022 16:07

Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-04

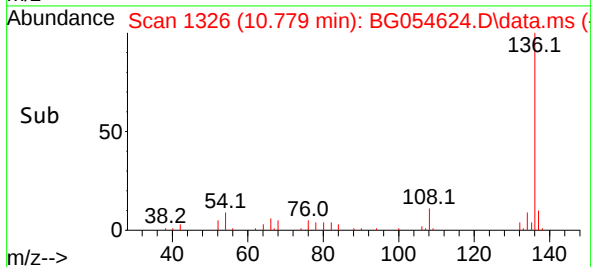
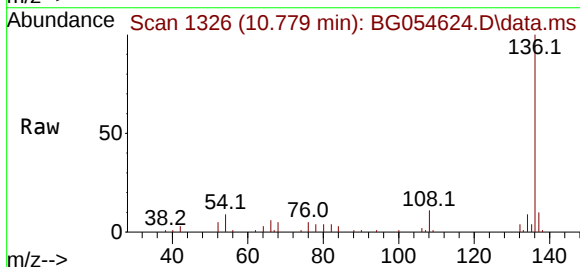
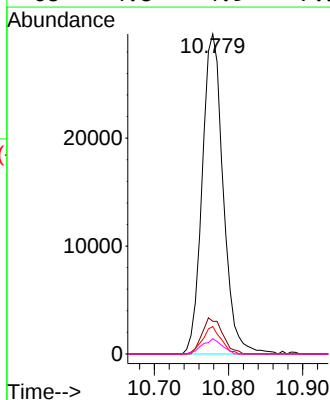


Tgt Ion: 70	Resp: 9233
Ion Ratio	Lower Upper
70 100	
42 53.1	47.3 70.9
101 0.0	7.0 10.4#
130 0.0	14.6 22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.779 min Scan# 1326
Delta R.T. 0.002 min
Lab File: BG054624.D
Acq: 12 Aug 2022 16:07

Tgt	Ion:136	Resp:	58379
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.5	12.7
54	8.6	7.4	11.2
68	4.8	4.9	7.3#

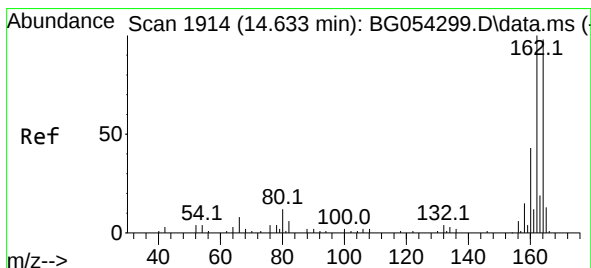
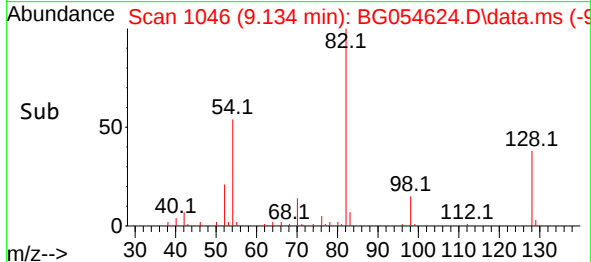
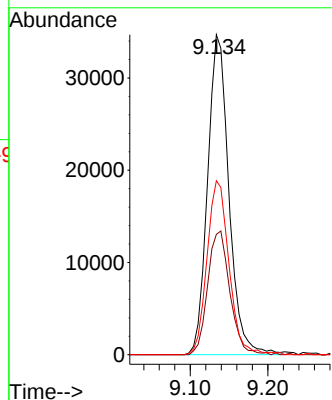
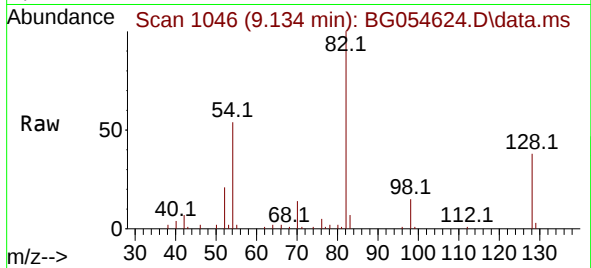




#23
Nitrobenzene-d5
Concen: 61.846 ng
RT: 9.134 min Scan# 1046
Delta R.T. -0.004 min
Lab File: BG054624.D
Acq: 12 Aug 2022 16:07

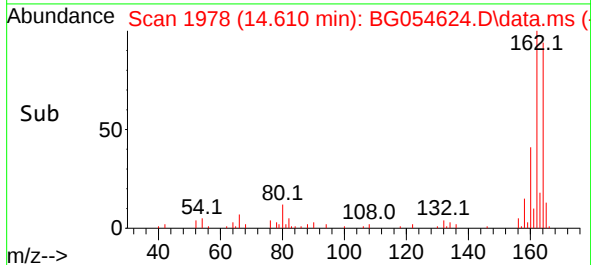
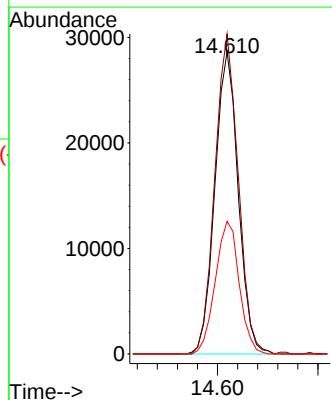
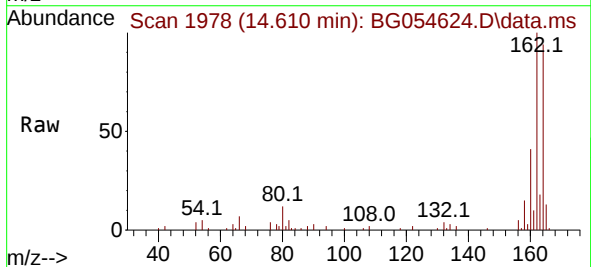
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-04

Tgt Ion: 82 Resp: 66300
Ion Ratio Lower Upper
82 100
128 37.6 27.9 41.9
54 54.3 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1978
Delta R.T. 0.002 min
Lab File: BG054624.D
Acq: 12 Aug 2022 16:07

Tgt Ion:164 Resp: 46089
Ion Ratio Lower Upper
164 100
162 105.9 82.3 123.5
160 43.9 34.2 51.2

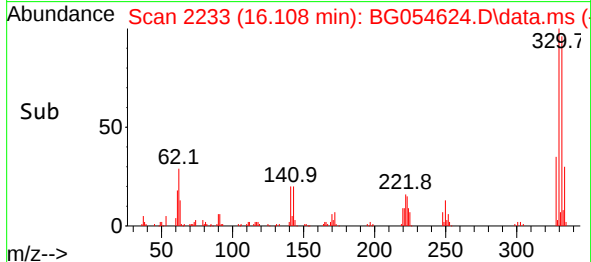
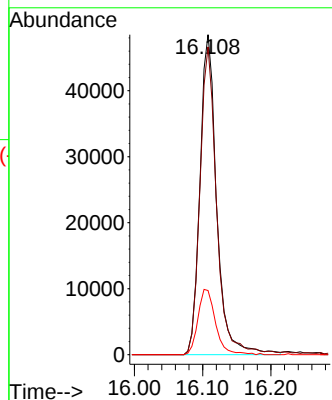
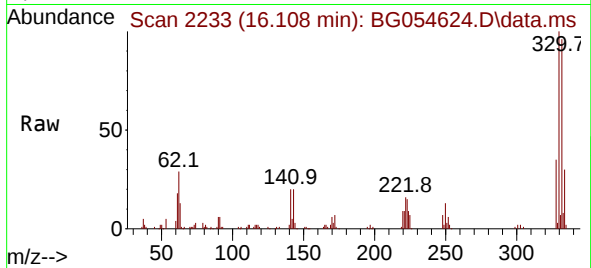




#42
2,4,6-Tribromophenol
Concen: 85.197 ng
RT: 16.108 min Scan# 2168
Delta R.T. -0.004 min
Lab File: BG054624.D
Acq: 12 Aug 2022 16:07

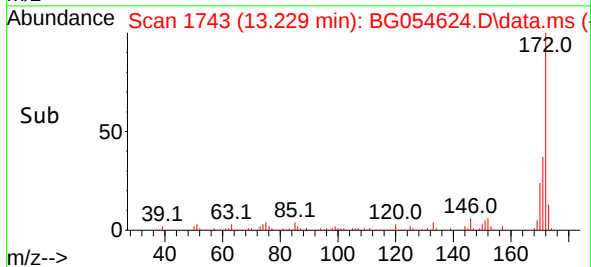
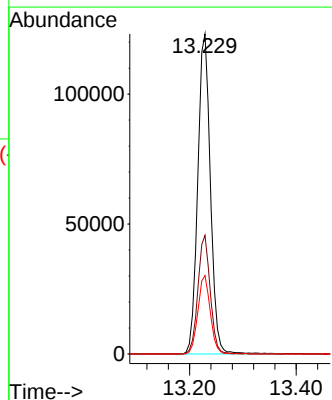
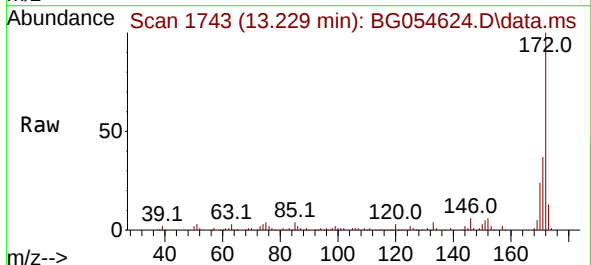
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-04

Tgt Ion:330 Resp: 82445
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 21.5 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 62.136 ng
RT: 13.229 min Scan# 1743
Delta R.T. 0.002 min
Lab File: BG054624.D
Acq: 12 Aug 2022 16:07

Tgt Ion:172 Resp: 203005
Ion Ratio Lower Upper
172 100
171 37.0 28.5 42.7
170 24.5 18.9 28.3

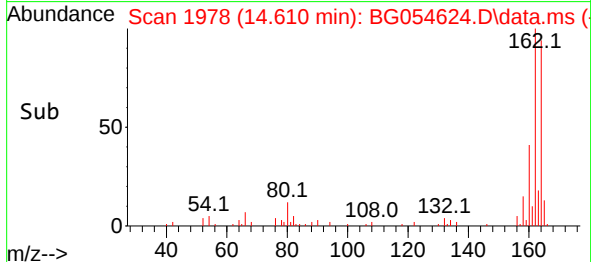
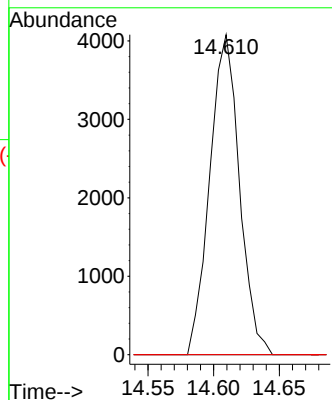
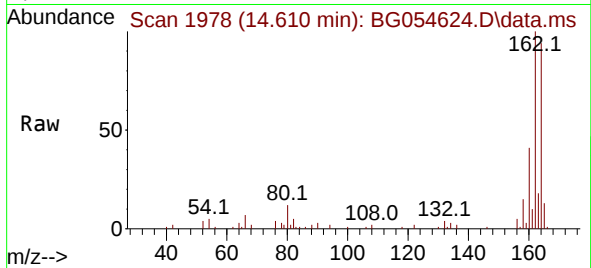




#51
2,6-Dinitrotoluene
Concen: 8.130 ng
RT: 14.610 min Scan# 1978
Delta R.T. 0.419 min
Lab File: BG054624.D
Acq: 12 Aug 2022 16:07

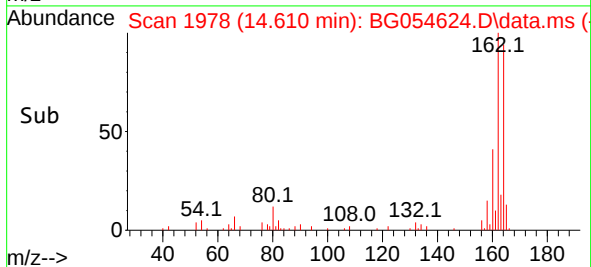
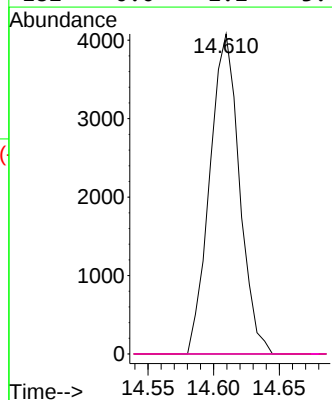
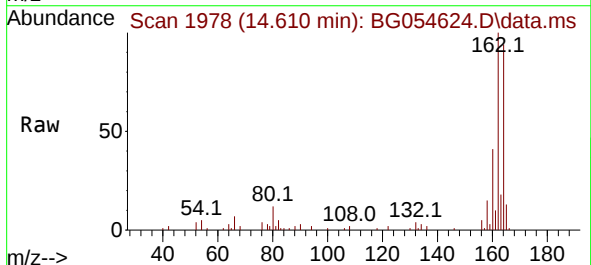
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-04

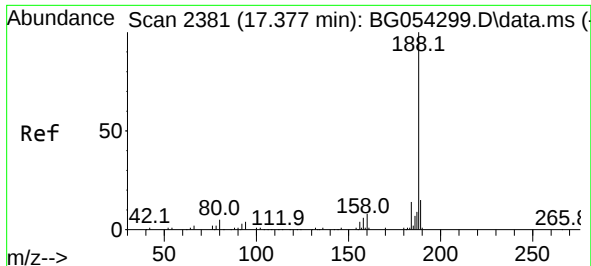
Tgt Ion:165 Resp: 6420
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.671 ng
RT: 14.610 min Scan# 1978
Delta R.T. -0.386 min
Lab File: BG054624.D
Acq: 12 Aug 2022 16:07

Tgt Ion:165 Resp: 6420
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#

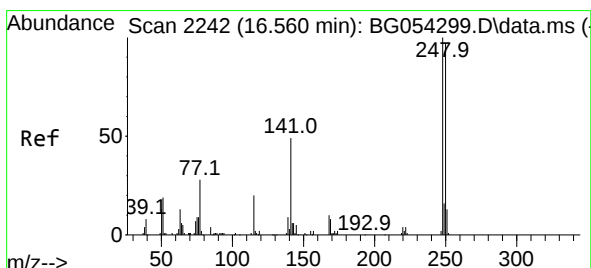
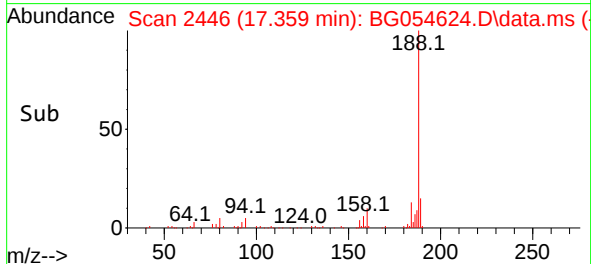
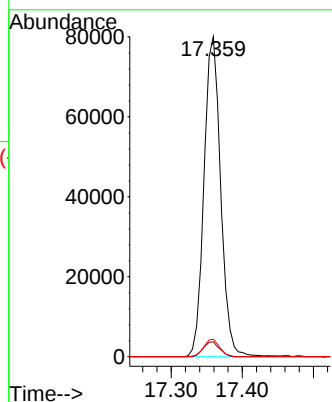
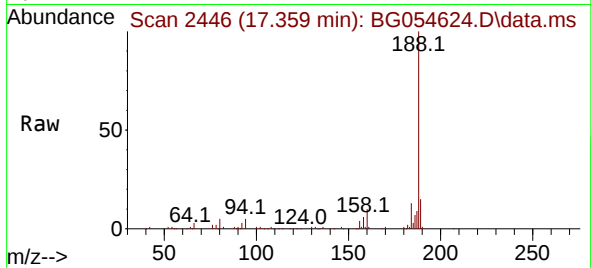




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.359 min Scan# 2446
Delta R.T. 0.002 min
Lab File: BG054624.D
Acq: 12 Aug 2022 16:07

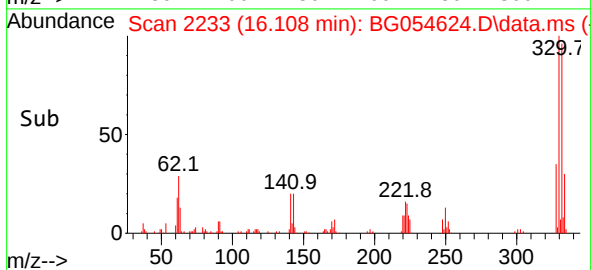
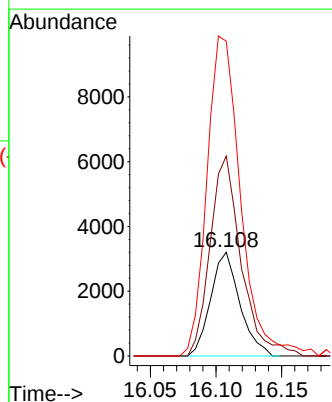
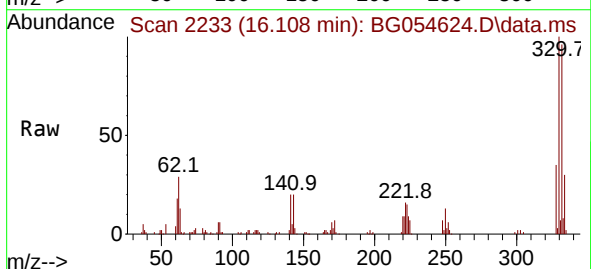
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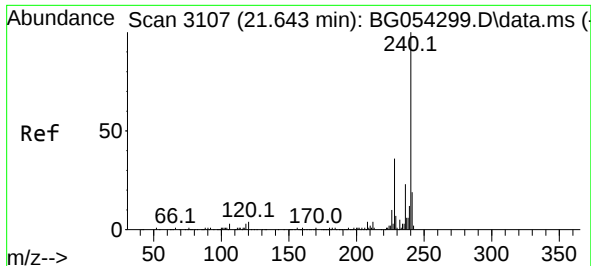
Tgt Ion:188 Resp: 130709
Ion Ratio Lower Upper
188 100
94 4.7 5.4 8.0#
80 5.4 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 2.698 ng
RT: 16.108 min Scan# 2233
Delta R.T. -0.433 min
Lab File: BG054624.D
Acq: 12 Aug 2022 16:07

Tgt Ion:248 Resp: 4952
Ion Ratio Lower Upper
248 100
250 192.8 75.2 112.8#
141 303.3 50.0 75.0#

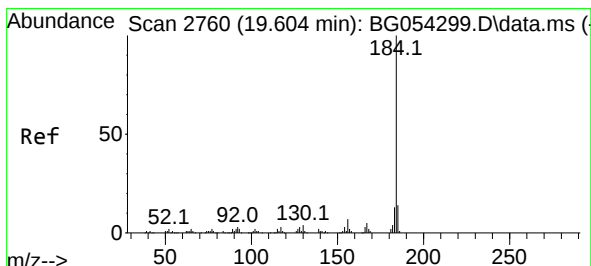
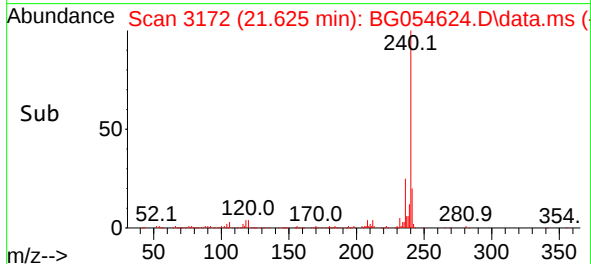
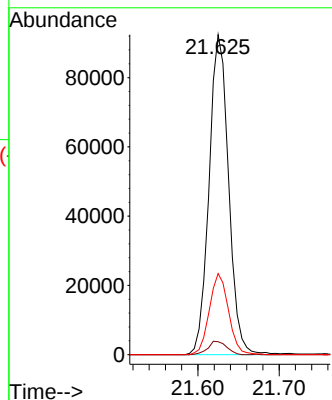
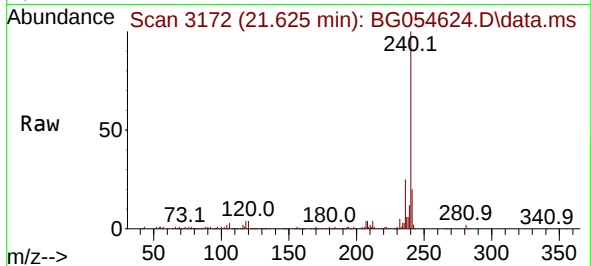




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.625 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG054624.D
Acq: 12 Aug 2022 16:07

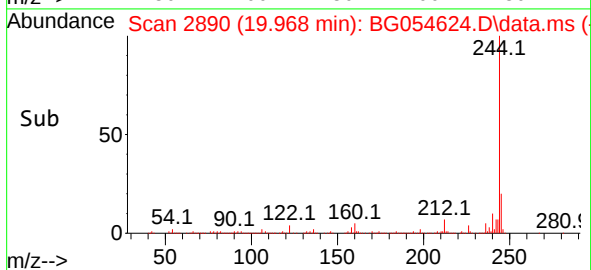
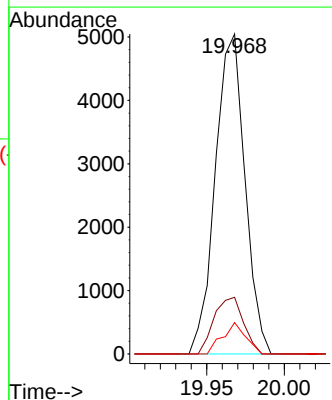
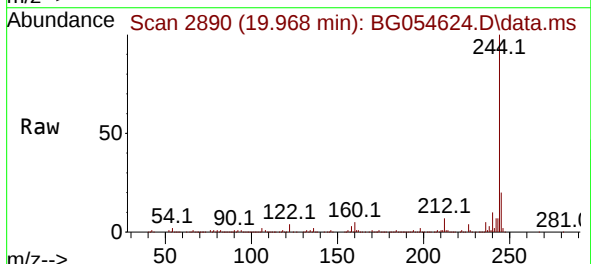
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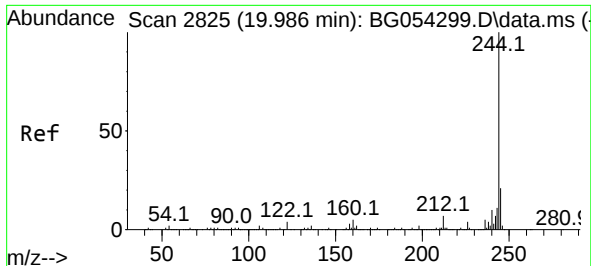
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Ion Ratio Lower Upper
240 100
120 4.0 4.6 7.0#
236 25.3 20.2 30.4



#77
Benzidine
Concen: 2.400 ng
RT: 19.968 min Scan# 2890
Delta R.T. 0.378 min
Lab File: BG054624.D
Acq: 12 Aug 2022 16:07

Tgt Ion:184 Resp: 6711
Ion Ratio Lower Upper
184 100
185 17.7 11.8 17.6#
183 9.8 8.9 13.3

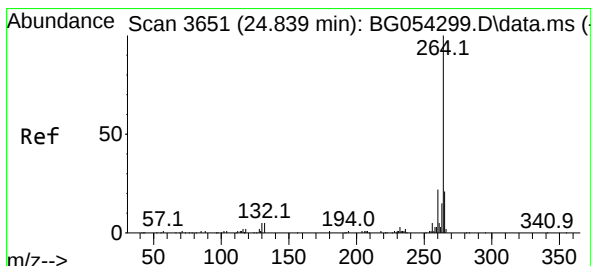
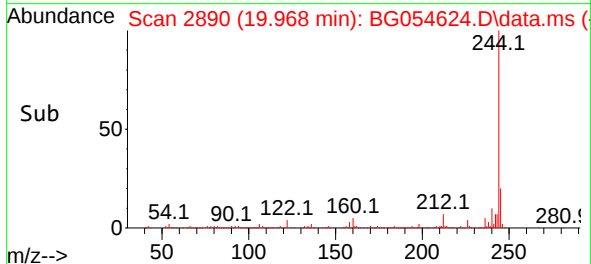
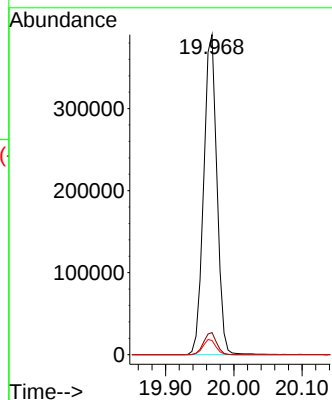
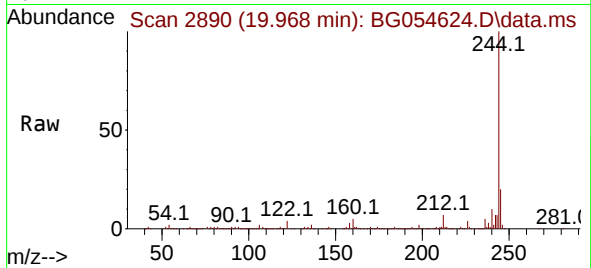




#79
 Terphenyl-d14
 Concen: 67.653 ng
 RT: 19.968 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG054624.D
 Acq: 12 Aug 2022 16:07

Instrument :
 BNA_G
 ClientSampleId :
 BEACONPOINT-BACKFILL-04

Tgt Ion:244 Resp: 526600
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 4.4 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.827 min Scan# 3717
 Delta R.T. 0.002 min
 Lab File: BG054624.D
 Acq: 12 Aug 2022 16:07

Tgt Ion:264 Resp: 161761
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.6
 265 21.8 17.4 26.2

